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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service in an envelope addressed to the "Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as follows:

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#### Documents Enclosed:

1. Supplement to "First Amendment";
2. Certificate of Mailing; and
3. Acknowledgment card

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P-17.144  
SWRI ID # 2920

EV608902617US

December 22, 2004

Mail Stop RESPONSE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RE: U.S. Patent Application Serial No. 10/619,456 filed July 16, 2003, entitled "High-Efficiency, Low Emission Gasoline Engines for Heavy-Duty Applications"

Dear Sir:

Enclosed please find the following items for filing on the above referenced patent application:

1. Supplement to "First Amendment
2. Certificate of Mailing; and
3. Acknowledgment Card

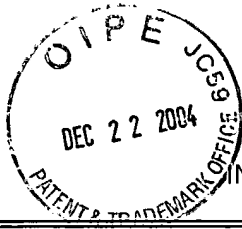
Please stamp the enclosed acknowledgment card with the date of receipt and return to my office.

Sincerely,

Ted D. Lee

TDL/rem  
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Thomas William Ryan, III, et al. SERIAL NO.: 10/619456 FILED: July 16, 2003 TITLE: High-Efficiency, Low Emission Gasoline Engines for Heavy-Duty Applications	ATTY DKT NO.: P-17.144  GROUP ART UNIT: 3747  EXAMINER: Erick R. Solis
TO: Mail Stop: RESPONSE/NO FEE Commissioner for Patents P.O. Box 1450 Alexandria, Va 22313-1450	

**SUPPLEMENT TO "FIRST AMENDMENT"**

Dear Sir:

This is a supplement to the "First Amendment" mailed to the Patent Office on November 4, 2004.